Please enter the following amended claims:

1. (Amended) A vehicle key system for verifying identity of fingerprint information

about a user's fingerprint and for controlling pieces of equipment in a vehicle according to a

verification result, said system comprising:

a transmitter including a fingerprint information capturing means for capturing

fingerprint information from a user's fingerprint, an identifier storage means for storing an

identifier specific to said transmitter, and a transmitting means for transmitting only the

fingerprint information captured by said fingerprint information capturing means, only a system-

specific identifier previously stored in said identifier storage means, or both the fingerprint

information and the system-specific identifier; and

a receiver disposed in the vehicle, including a receiving means for receiving the

fingerprint information and the identifier transmitted from said transmitting means of said

transmitter,

a verification means for verifying the received fingerprint information against a list of

pieces of previously stored fingerprint information, and for verifying the received identifier

against a previously stored identifier, and

a control means for controlling said pieces of equipment in the vehicle according to

verification results from said verification means.

2. (Amended) A vehicle key system according to Claim 1, wherein

said verification means comprising feature verification means for verifying the features

extracted from the fingerprint information received from said transmitter against features of an

authorized user stored by said receiver,

an identifier verification means for verifying the specific identifier received from said

transmitter and the specific identifier stored by said receiver, and

comprehensively determining means for determining whether or not a user manipulating

said transmitter is an authorized user and whether or not the manipulation is directed toward the

vehicle corresponding to said transmitter.

3. (Amended) The vehicle key system according to Claim 1, wherein said control means

comprising engine control means for controlling an engine according to the verification result

from said receiver, door control means for controlling a lock of doors according to the

verification results from said receiver, and a trunk control means for controlling a lock of a trunk

according to the verification result of the receiver.

4. (Amended) The vehicle key system according to Claim 1, wherein said receiver further

comprising:

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a first operation means for selecting only the fingerprint information, only the identifier

or the both of them according to a manipulation performed by a user,

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a first verification data-selection state storage means for storing the verification data-selection state indicating a selection state of the verification data whose value is set by said first operation means and a selection state of the verification data received by said transmitter, and

a display means for displaying which information to be verified is selected from the fingerprint information or the identifier selected.

5. (Amended) The vehicle key system according to Claim 4, wherein said transmitter further comprising:

a second operation means for selecting only the fingerprint information, only the identifier or the both of them according to a manipulation performed by a user, and

a second verification data-selection state storage means for storing the verification data-selection state indicating a selection state of the verification data whose value is set by said first operation means and a selection state of the verification data received by said transmitter.

8. (Amended) The vehicle key system according to Claim 4, wherein an operation unit intended for operating a piece of equipment disposed in said vehicle also serves as said first operation means.

10. (Amended) The vehicle key system according to Claim 4, wherein a pedal disposed in said vehicle also serves as said first operation means.

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